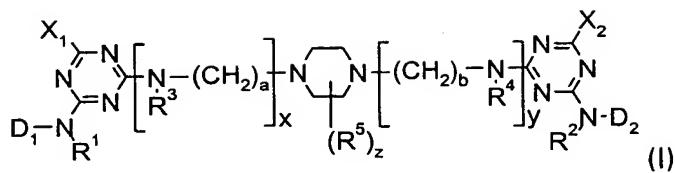


Claims

1. A dyestuff of the formula I



5

wherein

each of R¹, R², R³, R⁴ and R⁵, independently, is H or an optionally substituted alkyl group;

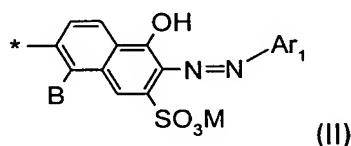
10 each of X_1 and X_2 , independently, is a labile atom or group;

each of x and y , independently, is 0 or 1 and at least one of x and y is 1;

each of a and b is 2 to 5 and when each of x and y is 1, $a > b$; and

z is 0, 1, 2, 3 or 4.

D₁ is a group of the formula II



15

wherein

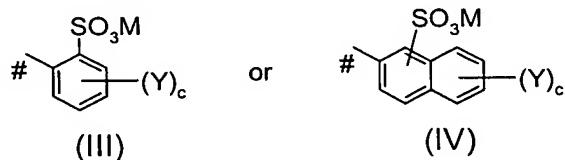
B is H or SO_3M ;

M is H, an alkali metal, an ammonium ion or the equivalent of an alkaline earth metal;

20

* indicates the bond to the triazinylamino group;

Ar_1 is a group of the formula III or of the formula IV

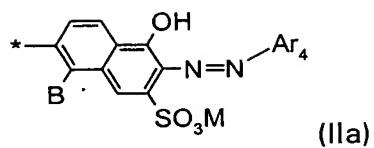


wherein

25

the or each Y independently is SO_3M or an alkyl group, c is 0, 1 or 2, M is defined as given above and # indicates the bond to the azo group; or

D₁ is a group of the formula IIa



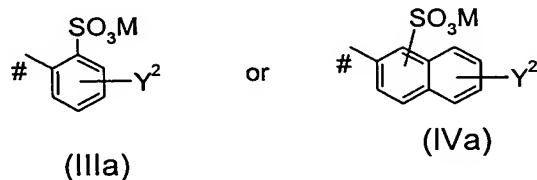
wherein

B is H or SO_3M ;

5 M is H, an alkali metal, an ammonium ion or the equivalent of an alkaline earth metal;

* indicates the bond to the triazinylamino group;

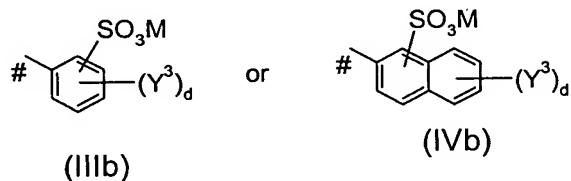
Ar_4 is a group of the formula IIIa or of the formula IVa



10 wherein

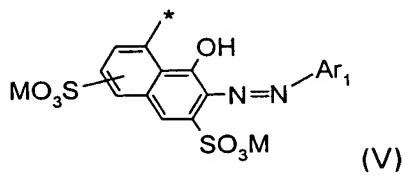
Y^2 is $-N=N-Ar_5$, M is defined as given above and $\#$ indicates the bond to the azo group, wherein

Ar_5 is a group of the formula IIIb or of the formula IVb



15 wherein the or each Y³ independently is SO₃M or an alkyl group, d is 0, 1 or 2, M is defined as given above and # indicates the bond to the azo group; or

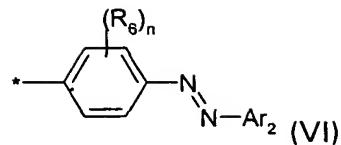
D₁ is a group of the formula V



wherein

M_1 , $*$ and Ar_1 are defined as given above; or

D₁ is a group of the formula VI



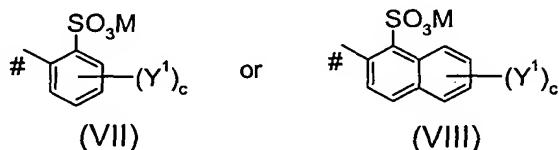
wherein

* is defined as given above

5 n is 0, 1, 2 or 3;

the or each R_6 independently is H, (C₁-C₄)-alkyl, (C₁-C₄)-alkoxy, NHCONH₂, NHCO(C₁-C₄)-alkyl, SO₃M or halogen;

Ar₂ is a group of the formula VII or of the formula VIII



wherein

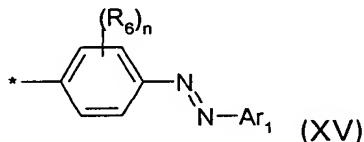
the or each Y^1 independently is SO_3M or an alkyl group or $-\text{N}=\text{N}-\text{Ar}_3$,

wherein Ar_3 is an optionally substituted phenylene or naphthylene moiety;

c is 0, 1 or 2, M is defined as given above and # indicates the bond to the

azo group; or

D₁ is a group of the formula (XV)



wherein R^6 , Ar_1 , n and $*$ are defined as given above

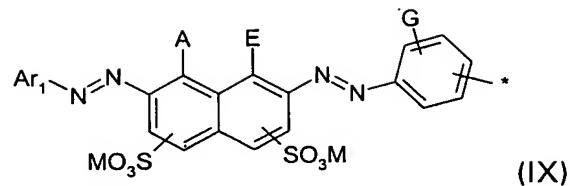
D₁ is an azoacetoacetamidoaryl, azopyridone, azopyrazolone or an azopyrimidine

20 chromophore;

D_2 is a group of the formula II, provided D_1 is not a group of the formula V; or

D₂ is a group of the formula IIa; or

D₂ is a group of the formula IX



wherein

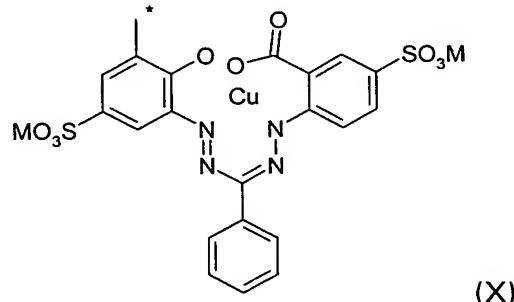
A and E are independently OH or NH₂ and A ≠ E;

G is H, (C₁-C₄)-alkyl, (C₁-C₄)-alkoxy, SO₃M or halogen; and

5 Ar₁, M and * are defined as given above; or

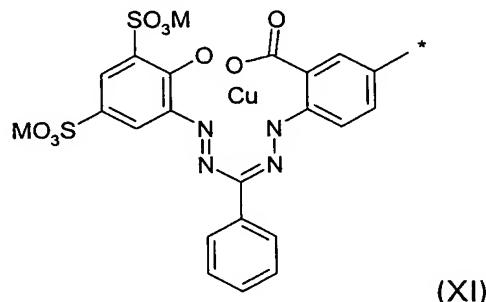
D₂ is a group of the formula VI; or

D₂ is a group of the formula X



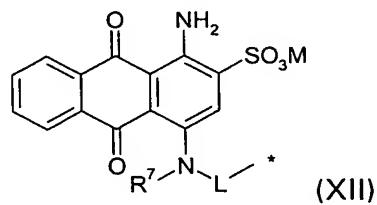
wherein M and * are defined as given above; or

10 D₂ is a group of the formula XI



wherein M and * are defined as given above; or

D₂ is a group of the formula XII

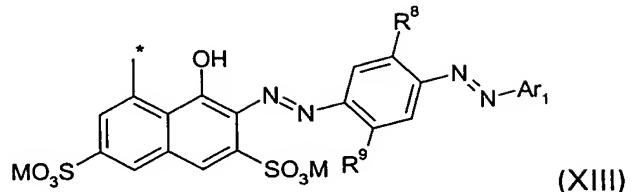


15 wherein

R⁷ is H or (C₁-C₄)-alkyl;

L is a divalent moiety and
M and * are defined as given above; or

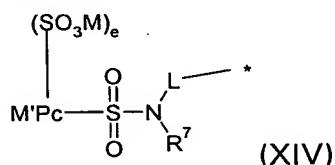
D₂ is a group of the formula XIII



wherein

R^8 and R^9 , independently, are H, halogen, (C_1-C_4) -alkyl or (C_1-C_4) -alkoxy; and M , Ar_1 , and $*$ are defined as given above; or

D₂ is a group of the formula XIV



wherein

M' is a metal atom;

Pc is a phthalocyanine chromophore;

e is < 4 ; and

M, L and R⁷ are defined as given above; or

15 D₂ is a group of the formula XV; or

D₂ is an azoacetoacetamidoaryl, azopyridone, azopyrazolone or an azopyrimidine chromophore.

2. A dyestuff of the formula I as claimed in claim 1, wherein D_1 and D_2 both are
20 a group of the formula (II), with the proviso, however, that $D_1 \neq D_2$ or $D_1 = D_2$
if $R^1 \neq R^2$.

3. A dyestuff of the formula I as claimed in claim 1, wherein
D₁ is a group of the formula (II) and
25 D₂ is a group of the formula (IX).

4. A dyestuff of the formula I as claimed in claim 1, wherein

D₁ is a group of the formula (V) and

D₂ is a group of the formula (XV).

5. A dyestuff of the formula I as claimed in claim 1, wherein

D₁ is a group of the formula (XV) or an azoacetoacetamidoaryl, azopyridone,
azopyrazolone or an azopyrimidine chromophore; and

D₂ is a group of the formula (IX), a group of the formula (X), a group of the
formula (XI), a group of the formula (XII), a group of the formula (XIII) or a
group of the formula (XIV).

10

6. A dyestuff of the formula I as claimed in claim 1, wherein

D₁ is a group of the formula (II), a group of the formula (VI) or an
azoacetoacetamidoaryl, azopyridone, azopyrazolone or an azopyrimidine
chromophore; and

15 D₂ is a group of the formula (VI), or an azoacetoacetamidoaryl, azopyridone,
azopyrazolone or an azopyrimidine chromophore.

7. A dyestuff as claimed in one or more of claims 1 to 6, wherein X₁ and X₂ are
halogen, preferably chlorine.

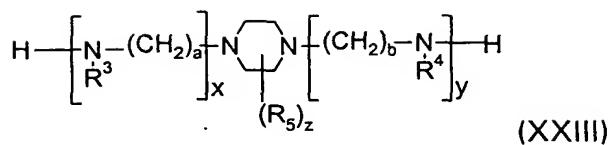
20

8. A dyestuff as claimed in one or more of claims 1 to 7, wherein M is H or an
alkaline metal, preferably sodium.

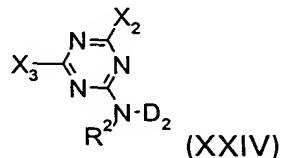
25 9 A dyestuff as claimed in one or more of claims 1 to 8, wherein R³, R⁴ and R⁵
are H.

10. A dyestuff as claimed in one or more of claims 1 to 9, wherein a = b = 2
with x = 0 and y = 1 or x = 1 and y = 0.

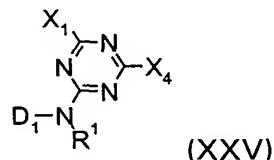
30 11. A process for preparing a dyestuff of formula I as claimed in one or more of
claims 1 to 10 by reacting a piperazine compound of the formula XXIII



wherein R^3 , R^4 , R^5 , a , b , x , y , and z are defined as given in claim 1, with a compound of the formula XXIV



5 wherein R^2 , X_2 and D_2 are defined as given in claim 1 and X_3 is a labile atom or a group capable of reaction with an amine, preferably chlorine, and with a compound of the formula XXV



wherein R^1 , X_1 and D_1 are defined as given in claim 1 and X_4 has one of the 10 meanings of X_3 .

12. A process for dyeing and printing hydroxy- and/or carboxamido-containing fibre materials in which a dyestuff of the formula I according to one or more of claims 1 to 10 is used.